

REMARKS

Claims 9-13 have been cancelled and rewritten as new claims 14-18. These claims substantially correspond to claims 9-13 but have been rewritten to clarify the invention and to overcome any rejections under 35 U.S.C. §112. Reconsideration and withdrawal of the final rejection are respectfully requested.

Initially, drawing Figure 13 was objected to under 37 C.F.R. §1.83(a). Applicants respectfully point out, however, that the projecting magnetic core portions 73 are properly shown in Figure 13 as projecting from ends of the permanent magnets 6 in the circumferential direction. This is consistent with page 23 of the specification. Applicants have amended page 23, however, to clarify that the projecting magnetic core portions 73 are arranged in the "outer rotor core".

Additionally, Applicants submit a Request for Permission to Amend Figure 13 in order to show, in exemplary fashion, the rotor core being divided at a middle position of a width in the circumferential direction of said permanent magnet. This division is shown by reference number 90 added to Figure 13. While Figure 13 shows only one such division 90, it would be understood that there would be more than one. A corresponding amendment has been made to page 24 of the specification.

Regarding the specification, Applicants have amended the title substantially as suggested by the Examiner. Also, Applicants have deleted the objectionable language on page 23, lines 22-23.

Regarding the claims, Applicants have cancelled claims 9-13 and rewritten them as claims 14-18. Regarding claims 12 and 13 rewritten as claims 17 and

18, Applicants have adopted the Examiner's suggestion with respect to claim 17 and have provided antecedent basis with respect to claim 18.

In the Office Action, claims 9-11 and 13 were rejected based on the judicially created doctrine of obviousness-type double patenting over U.S. 6,452,302. Accordingly, in light of the rewritten claims 14-18, Applicants submit a Terminal Disclaimer to obviate this rejection.

For the foregoing reasons, Applicants submit claims 14-18 are in condition for allowance. An early notice to that effect is solicited.

Summarizing, Applicants have made an important contribution to the art to which the present subject matter pertains, for which no counterpart is shown in any of the art or combination of same. The invention is fully set forth and carefully delimited in all claims in this case. Under the patent statute, Applicants should not be deprived of the protection to which they are entitled for this contribution. Accordingly, it is respectfully requested that favorable reconsideration and an early notice of allowance be provided for all remaining claims.


If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and

please charge any deficiency in fees or credit any overpayments to Deposit
Account No. 05-1323 (Docket #381NP/48224CO).

March 27, 2003

Respectfully submitted,



Jeffrey D. Sandk
Registration No. 32,169

CROWELL & MORING, LLP
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844

JDS:pct
CAM # 056207.48224CO

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Please amend the first paragraph on page 23 as follows:

The present embodiment is characterized by that the rotor is composed of the projecting magnetic core portions 73 arranged in the [outer peripheral side of the] rotor core 7, the permanent magnets 6 contained in the rotor core 7, and rotor core yoke portions 76 forming paths for magnetic fluxes passing through the projecting magnetic core portions 73 and the permanent magnets 6, and the rotor core 7 is divided into six sections in the circumferential direction in the unit of the projecting magnetic core portions 73 and the rotor core yoke portions 76.

Please amend the third paragraph bridging pages 23 and 24 as follows:

Further, the present embodiment is characterized by that the rotor 2 is formed of units of two poles. The units of two poles are connected through the outer diameter bridges 71[, and the units of two poles are assembled by being wound in one turn]. The dividing position of the rotor core 7 is selected at a position between the poles of the permanent magnets 6. The mechanical strength of the rotor 2 can be further increased by that in each of the dividing positions of the rotor core 7, the dividing position of each of the magnetic plates composing the rotor core 7 laminated in the shaft direction are slightly displayed over other plates.

Please amend the first paragraph on page 24 as follows:

Particularly, in this embodiment, the rotor 2 is divided in the unit of two poles and at the middle position of the width in the circumferential direction of the projecting pole core portion 73. Of course, it is possible to divide at middle position 90 (see exemplary division line shown in Fig. 13) of the width in the circumferential direction of the permanent magnet 6.